

Chicken Coop Blueprints

Materials

- 1 - 2x4x10
- 29 – 1x6x8
- 18 – 2x4x8
- 1 – ½ inch x2 feet x8 feet Particle Board or Plywood
- 3 sets of hinges
- 3 door handles
- 3 door latches
- Wood screws
- Nails to attach ½ flooring to floor frame

Tools

- Power drill with bit for wood screws
- Skill saw
- Miter saw
- Tape measure
- Pencil

3D View Instructions (on the last page of this document)

In the left panel is a Model Tree. Items in the tree can be toggled off and on by checking and unchecking the boxes next to each section.

The 3D model can be rotated by left clicking your mouse and dragging to rotate.

When hovering your mouse over the page with the model on it a top menu will appear offering more options for viewing the model.

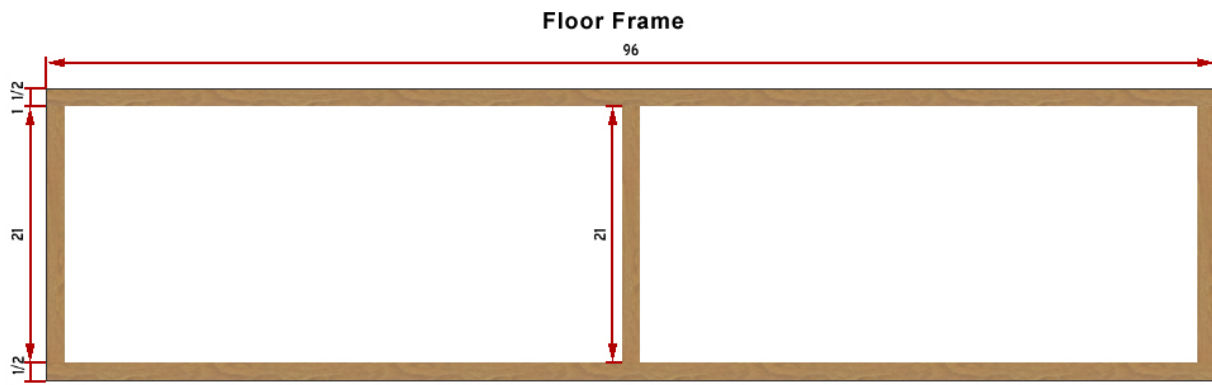
Safety

Goggles and gloves should always be worn when working with power equipment. Children should be kept at a safe distance.

Step One: Build the Frame

Build the Floor Frame

The floor frame is 8 feet long by 2 feet wide and has a center brace to support the flooring material. It is created with 2x4 lumber. You will need to cut three pieces of 2x4 lumber 21 inches long. Assemble as shown below using wood screws to attach the frame pieces together.



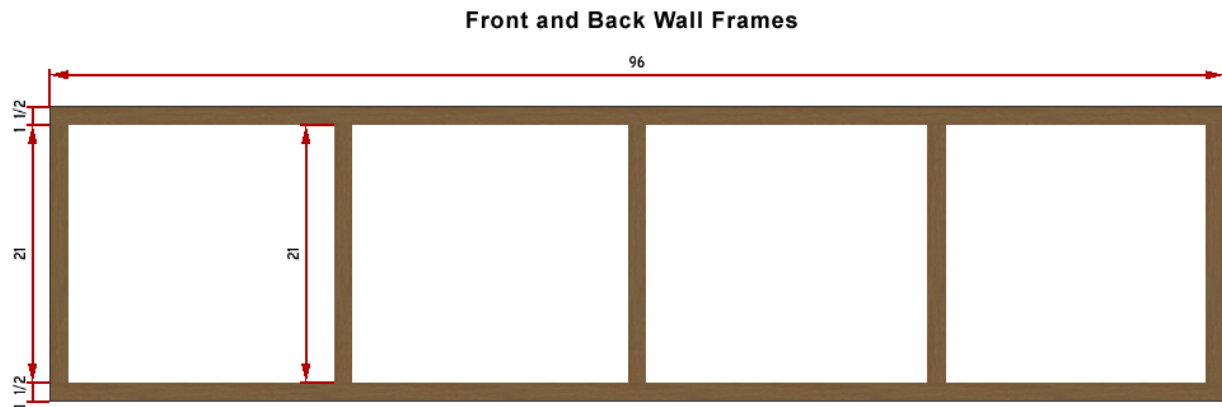
When the frame is complete, attach the 2x4x8 particle board or plywood to the top of the frame creating the sub floor.



Finished Base

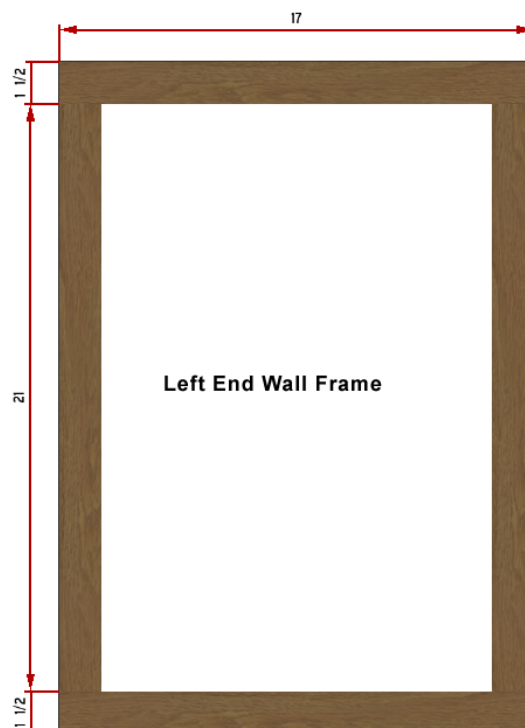
Build the Front and Back Wall Framing

The front and back walls are 8 feet long and 2 feet tall. They have 2x4 supports spaced 24 inches on center. For each wall you will need two 2x4x8s and five 21 inch 2x4s. Assemble as shown below to attach all the pieces.



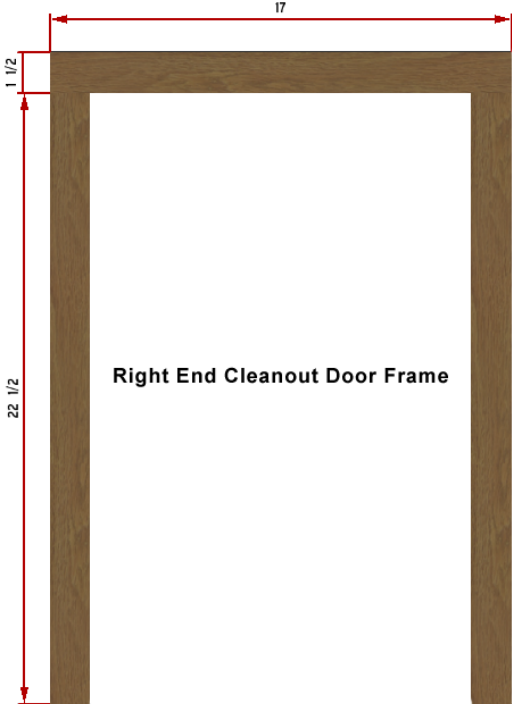
Build the Left Wall Frame Below Egg Door

The left end wall frame is created with 2x4 lumber. You will need two 24 inch and two 17 inch 2x4s. Assemble as shown below to attach all the pieces with wood screws.



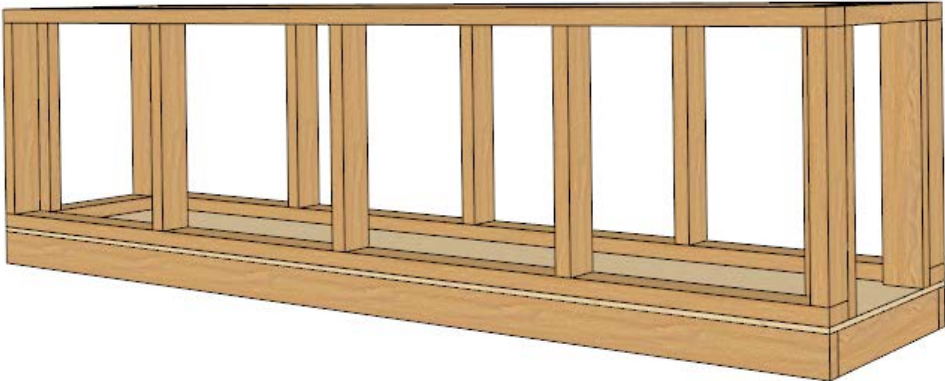
Build the Right End Cleanout Door Frame

The right end cleanout door frame is created with 2x4s. You will need two 24 inch and one 17 inch 2x4. Assemble as shown below to attach all the pieces with wood screws.



Assemble the Frame

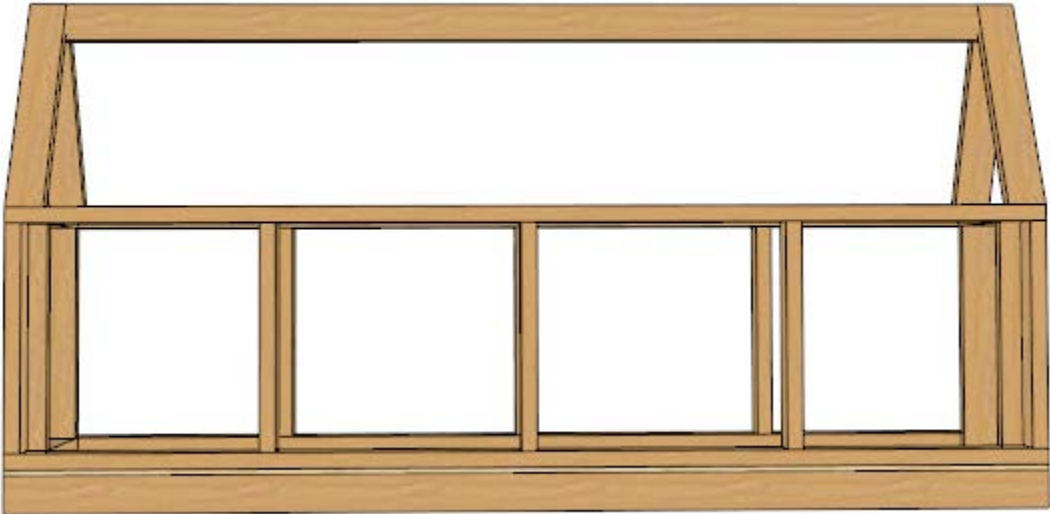
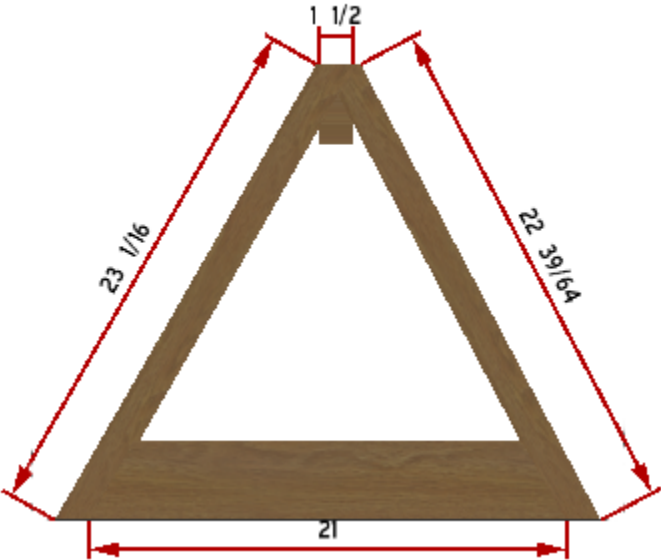
Using wood screws attach each wall to the floor base frame and all corners as shown below.



Build the Roof Gable Frame

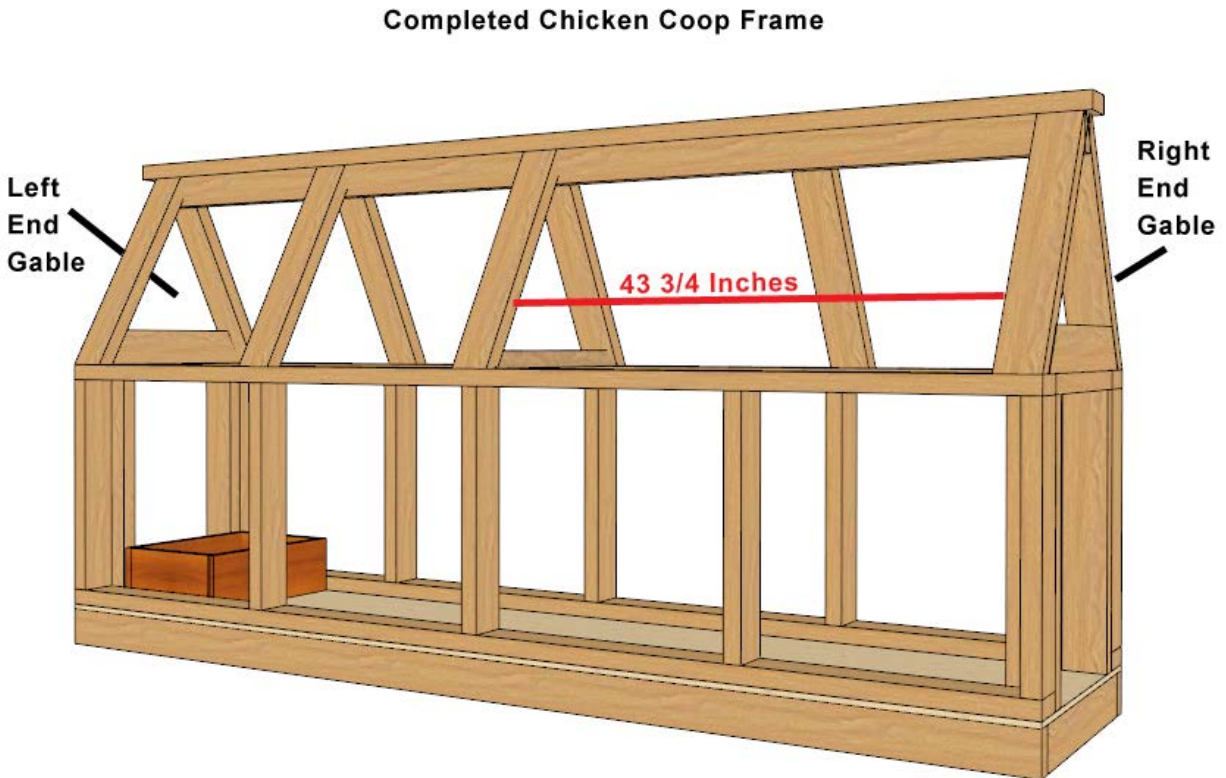
The egg door frame is created with 2x4 lumber. Use the diagram below to cut the lumber. Attach the pieces together with wood screws. You will need to make two of these, one for each end of the chicken coop. There is a $1\frac{1}{2}$ space between the top of the angled pieces for a 2x4x8 to fit in. That will be the ridge post and what the roof joists will be connected to.

Gable End Frame



Build the Roof Frame

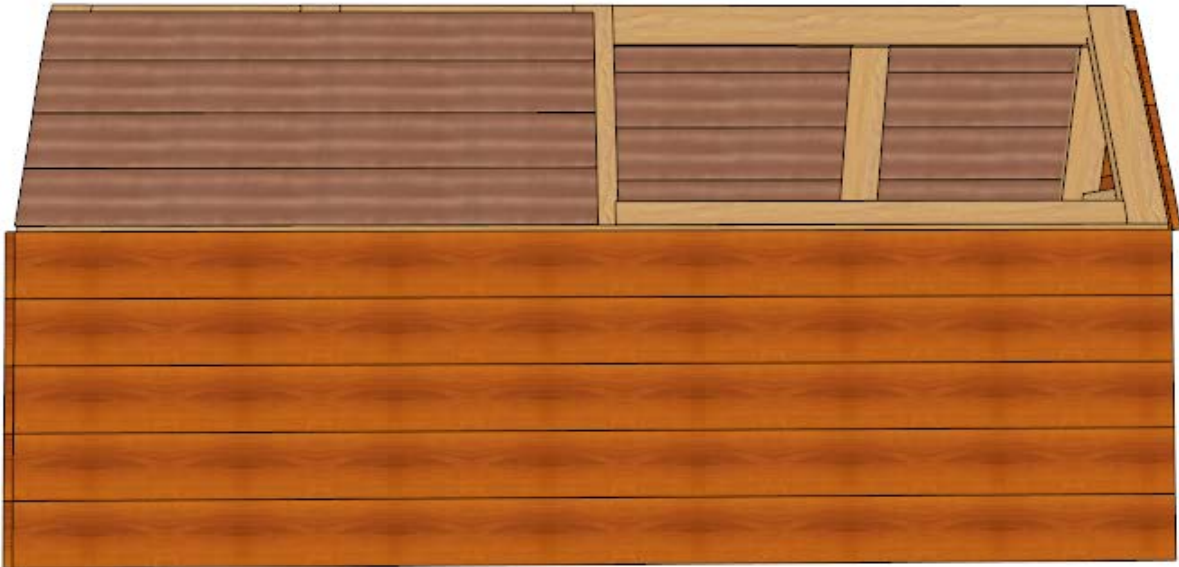
Attach the roof joists every 24 inches on center. Make sure not to place a joist where the roof door will be. The opening should be $43 \frac{3}{4}$ inches as measured from the inside of the end joist and the middle joist.



Attach the siding

The siding is 1x6 lumber. Use wood screws to attach the siding to the frame. Do not put siding on the right end wall. Attach siding to the right end gable. Do not attach siding to the left end gable. (See diagrams above and below.)

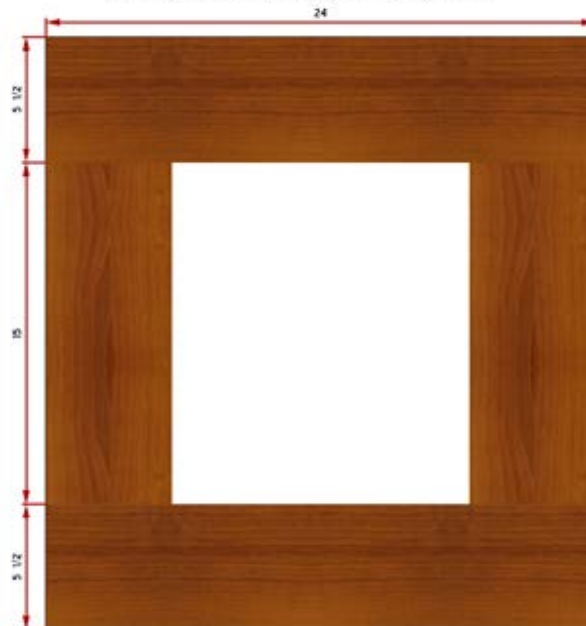
Siding and Roofing Attached



Build the Cleanout Door

The cleanout door frame measures 24 inches by 24 inches. It is constructed with 1x6 lumber. You will need two 24 inch boards and two 13 inch boards. Assemble the frame with wood screws. When the frame is complete, attach 1x6 siding.

Cleanout Door Frame



Cleanout Door Interior Finish



Cleanout Door Exterior Finish

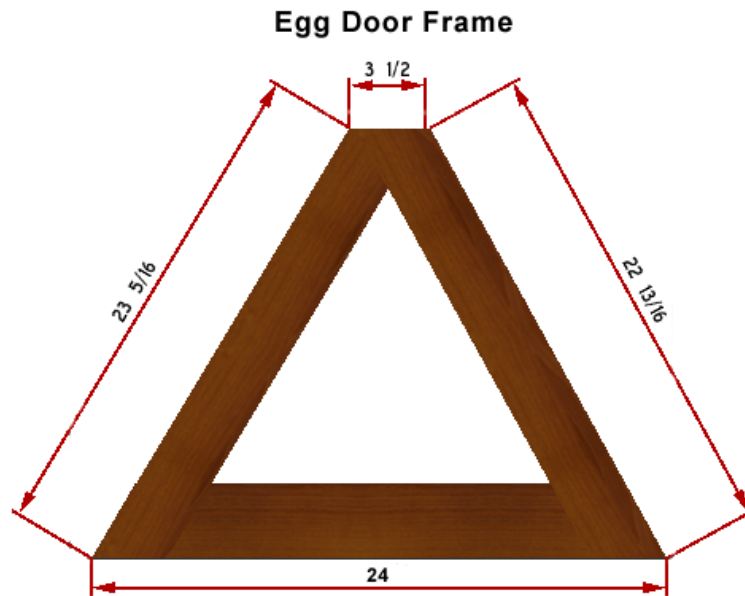


Attach hinges to the door and attach to the right end of the chicken coop.
Attach a handle.

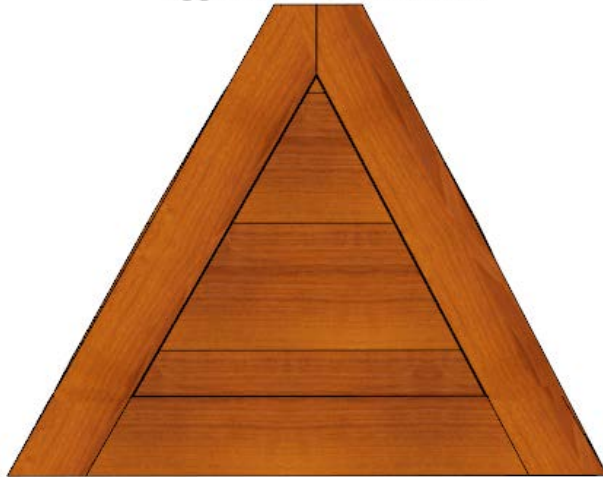


Build the Egg Door

Construct the egg door with 1x6 lumber as shown in the diagram below.



Egg Door Interior Finish



Egg Door Exterior Finish



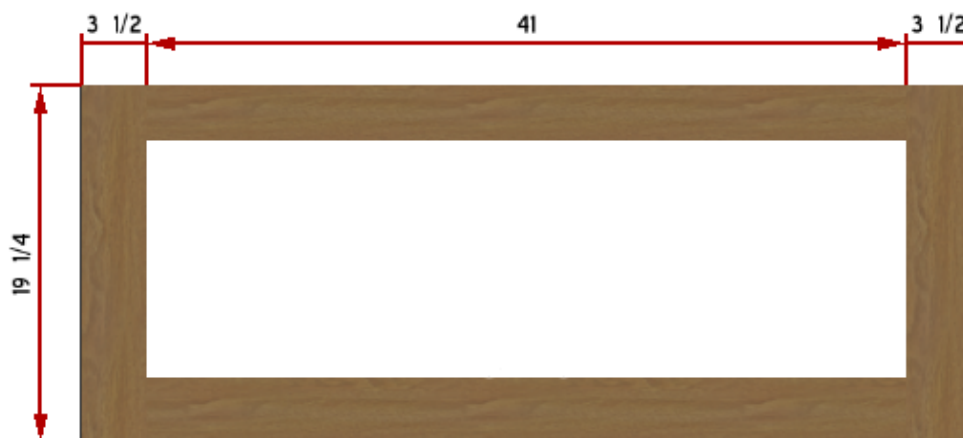
Attach hinged to the bottom of the egg door and then attach to the left side wall.



Build the Roof Door

Construct a frame for the roof door using the diagram below.

Roof Door Frame



The frame is 48 inches wide and 19 ¼ inches tall. The frame is constructed with 2x4s. Cut two 41 inch and two 19 ¼ inch boards.



Attach hinges and attach the door to the roof.



Build the Nesting Box

Create a nesting box with scrap 1x6 lumber. Cut two 21 inch and two 12 inch boards. Assemble them into a box and set the box on the floor in the chicken coop under the egg door.



Attach latches on each door.

Congratulations! The chicken coop construction is now complete.





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